

# Prosthodontics Research Group International Association for Dental Research Newsletter

## March 2007

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### Highlights and events for IADR – New Orleans 2007 March 21-24, 2007

Ernest N. Morial Convention Center,  
New Orleans, Louisiana, USA

- **Arthur R Frechette Award Competition**  
(<http://iadr.com/awards/frechette.html>)  
Wednesday, 21, 2:30-4:00 PM  
Ernest N. Morial Convention Center - 390  
(Winners will be announced at the business meeting)
- **Pre-Prosthetic Regenerative Science Award**  
A Newly established, poster- and extended abstract-based competition, and the winners will be announced at the business meeting  
Check a website!!  
(<http://www.dentalresearch.org/awards/preprost.html>)
- **Group Sponsored Symposia by Our Group**
- **Status of Laboratory Studies for Predicting Clinical Behavior**  
Wednesday, 21, 2:30-4:00 PM Convention Center - 298  
Organizer: Robert Kelly (University of Connecticut, Farmington, USA)  
Sponsors: Dental Materials and Prosthodontics Research Groups and ADA Standards Committee on Dental Products
- **Molecular and Nano-design of Dental Implants**  
Friday, 23, 10:45-12:15AM Convention Center - 293  
Organizer: Takahiro Ogawa (University of California, Los Angeles, USA)  
Sponsors: Prosthodontics Research and Implantology Groups and Japan Prosthodontic Society

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● **Lunch & Learn Sessions by Our Group**

● ***Novel Surface Properties of Titanium beyond Chemistry and Topography: How Do We Study Them?***

Speaker: Takahiro Ogawa (University of California, Los Angeles, USA)

● **Zirconia-based All-ceramic Restorations: Strength, Longevity, and Future Research**

Speaker: Wael Att (University of California, Los Angeles, USA)

● **Prosthodontics Group Business Meeting**

Thursday 22 -5.00 pm – 6 pm

Convention Center - 390

● **Prosthodontics and Implantology Group Joint Reception**

Thursday 22 – 6pm to 7.30pm

Convention Center - 397

● **Prosthodontics Executive Officers Meeting**

Thursday 22

7:00-8:00 AM

Convention Center - 397

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● **From the President**

Come along to the meetings and get involved! Talking to colleagues about your research in the meeting rooms, bars and social events surrounding the meeting can be most



fruitful and rewarding. There are many world-class speakers, and most are only too happy to meet and discuss their latest work. In addition, the leaders of the Prosthodontic Research Group are interested in your feedback; so tell them what you want from the Lunch and Learn, keynote speakers sessions etc. and come along to the business meetings.

The 84th General Session and Exhibition of the IADR was held last year at the Brisbane Convention & Exhibition Center (June 28 - July 1, 2006) and was a great success. Your officers do a lot of work “behind the scenes” and I am indebted to them for their help this year in preparing for the next meeting in New Orleans, Louisiana. This should be a great experience and I cannot wait to experience the culture, the music and the food.

May I remind you to make full use of the online access to the Journal of Dental Research (JDR), and Critical Reviews section. All JDR articles older than 12 months are available free online. Issues of JDR are also available through the High Wire press website.

Best wishes to Mark Thomason as the next Prosthodontic Research Group President. I hope to see you all at the meeting, so please stop me and say hello.

Kindest regards,  
Hugh Devlin

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## ● **Prosthodontic Group Executive Officers 2006-07**

### **President Hugh Devlin**

School of Dentistry, University of Manchester, UK.

[hugh.devlin@manchester.ac.uk](mailto:hugh.devlin@manchester.ac.uk)

### **President-Elect Mark Thomason**

University of Newcastle upon Tyne

School of Dental Sciences

[j.m.thomason@ncl.ac.uk](mailto:j.m.thomason@ncl.ac.uk)

### **Sec/Treasurer Takahiro Ogawa**

Weintraub Center, UCLA School of Dentistry

[tack@dent.ucla.edu](mailto:tack@dent.ucla.edu)

### **Program Chair Ben Wu**

Department of Biomedical Engineering, UCLA

[benwu@seas.ucla.edu](mailto:benwu@seas.ucla.edu)

### **Councillor Neal Garrett**

Weintraub Center, UCLA School of Dentistry

[ngarrett@ucla.edu](mailto:ngarrett@ucla.edu)

### **Frechett Award Chair Stephen Rosenstiel**

Ohio State University, School of Dentistry

[rosenstiel.1@osu.edu](mailto:rosenstiel.1@osu.edu)

### **Pre-Prosthetic Regenerative Science Award Chair Takahiro Ogawa**

Weintraub Center, UCLA School of Dentistry

[tack@dent.ucla.edu](mailto:tack@dent.ucla.edu)

### **Director Keiichi Sasaki**

Tohoku University School of Dentistry, Japan

[keij@mail.tains.tohoku.ac.jp](mailto:keij@mail.tains.tohoku.ac.jp)

### **Director Mary Walker**

University of Missouri-Kansas City

School of Dentistry [walkermp@umkc.edu](mailto:walkermp@umkc.edu)



## ● **A Report from 2006 IADR – Brisbane Prosthodontics Group Business Meeting and Reception**

Friday 11<sup>th</sup> March 2005, Baltimore Convention Centre

### **BUSINESS MEETING MINUTES**

**Call to Order** - Dr J Robert Kelly

**Approval of 2005 Minutes** - Accepted

**Present** –Neal Garrett, J Robert Kelly, Takahiro Ogawa, Hugh Devlin, Mark Thomason, Stephen Rosenstiel, Keiichi Sasaki, active members of the IADR Prosthodontics Group, student members and guests.

1. **Opening remarks** by Immediate Past President Robert Kelly
  2. **Councillor's Report** - Neal Garrett (see "Detailed Reports")
  3. **Secretary/treasurer's Report** - Mark Thomason  
Financial Report for 2005 (see "Detailed Reports")
  4. **Program Director's Report** – Takahiro Ogawa (see "Detailed Report")
  5. **Frechette Competition** - Steve Rosenstiel (see report)
  6. **Nominations Committee Report** – Robert Kelly, Chair
  7. **Elections** – Robert Kelly made a motion to vote for the slate of 2006-07 officers by acclamation. The motion carried by unanimous vote.
  8. **Installation of Officers** - Dr J Robert Kelly installed Dr Hugh Devlin as new President of the Prosthodontics Research group for 2006/07.
  9. **Adjournment** - The meeting was adjourned by Dr Kelly.
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**Annual Financial Report (2005)  
Secretary-Treasurer Report**

Mark Thomason

The Group remains in a strong financial position with a current balance of approximately \$38,7000 at the end of the 2005 financial year. This does not take into account the expenses or sponsorship for the joint Group reception this year.



This was the third year for a joint reception with the Implantology Group which have proved to be great events in both previous years and I am sure we would wish to continue. I would particularly thank Dr. Clark Stanford from the Implantology Group for his work in putting this together which has made my task very easy indeed. We should also extend a second thank you to Clark as he has secured full sponsorship for the event meaning that we have no had to look for these ourselves this year. I hope our previous sponsors-Brien Land and our President Carol Lefebvre on behalf of The Journal of Prosthetic Dentistry, Dave Felton and Alethea B. Gerding-the managing Editor of The Journal of Prosthodontics, and the management committee of my own Journal, The European Journal of Prosthodontics and Restorative Dentistry have not been offended by no asking them for sponsorship this year.

I would also like to recognize the role of the Whip Mix Corporation who have continued as very loyal supporter of the Frechette Competition with its \$1000 grant.

Members who have not received the newsletter (emailed as week before the Brisbane meeting) have either not paid their dues to Central Office or have left incorrect email address with Central Office. Please check this with Central Office if you have not received any communication.

As of Februraly 2005 Central Office indicates 397 paid up members but judging from the number of nondelivered emails I got back I would guess we have current email addresses for about 300 members. Given the student

membership turnover this is perhaps not suprising. It would be good to find a way to correct these problems.

**Financial Report 2005**

Amount of annual dues per member	\$18.00
Fund balance as of 12/31/04	\$32,903.53
Income \$	
Dues	4,627.50
Interest	154.23
Other	3,028.00
Total Income	\$7,809.73
Expenditure \$	
Frechette Award	2,000.00
Other	0.00
Total Expenditure	\$2,000.00
Balance as of 12/31/04	\$38,713.26

## ● Councillor Report

Neal Garrett



After 11 years of service to the IADR, Skip Collins completed his last roll call to begin the meeting. His effort and support will be greatly missed by all in the organization.

- AADR meeting in Orlando was very successful & did well financially. From an educational standpoint, the joint sessions with ADEA were well received.
- Treasurer Angus Walls reported that the JDR print subscriptions was holding up & improving projections for JDR's financial position.
- Attendance at the Brisbane meeting was exceeding expectations & it appears the meeting will be a financial success.
- Overall, the financial health of the IADR is good.
- Journal of Dental Research Editor Tony Smith reported an increase in submissions, and the impact factor is up. JDR is maintaining its status as the #1 dental journal. The legacy project for the JDR is complete, and there is now free access online back to issue 1 from year 1919.
- IADR Director Chris Fox reported that the Baltimore meeting was a financial success, with a net profit of \$635K. Following the 6% decline in membership in 2004, 2005 showed a 1.7% increase & 2006 looks like it will also show a slight increase. Central Office increased their both IADR & AADR advocacy for research funding during the past year.
- A financial audit was completed 12/31/2004. Total assets decreased from 2003 by about \$100k, with total assets standing at \$8.4M. There was a good clean report from the audit.
- Elections

Pan Asian Pacific Federation Regional Board member – Yoshimitsu Abiko

African & Middle Eastern Regional Board member – Ahmed Augweh

IADR Vice-President candidates – Susan Reisine, David Williams, Ed Yen

Bob Tencate was elected Vice-President for 2007

New Section Applications – Columbian, Panamanian, Sudanese Sections

- A new tiered dues structure was proposed based on World Bank country classifications. Annual dues for members in countries with a Lower Middle Income classification would pay \$40 per year, Upper Middle Income classification would pay \$50 per year, and High Income classification would pay \$74 per year. Currently we have a membership subsidy program\ but people don't like asking for it (charity), so only 25% of those eligible request the subsidy. The cost of adding a new member is \$39, so the \$40 lowest rate would cover the "cost" of a new member. Using the World Bank classification of income for countries, the second tier would be new for us. We only gave the subsidies to the low income countries before. If we maintain the current structure, it is estimated that we will lose 5% of tier I & tier II members – and therefore a loss in dues. The tiered structure will retain more members, but still result in a loss in dues—both scenarios appear to result in about \$30k loss in dues. Students will remain at \$22 with no tier structure. The total loss will be \$56k if all tier I drop. There are about 650 members in each tier. The proposal to impose the tiered membership rates we passed by the Council.

- Budget

The manager of IT moved on and rather than fill the position, it was decided to outsource the activities. This will produce some cost savings. Additional savings will be achieved by not replacing Skip Collins upon his retirement. There was a \$210k surplus in 2005.

2006 is projected as break even. They are on target for registration at this meeting – so it looks like this will happen.

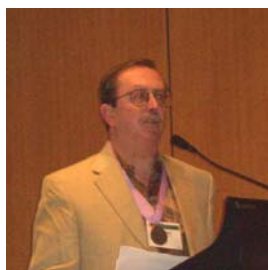


- WHO – GORG & Prosth groups will be sponsoring a symposium with WHO support
- Future meetings: 2007 New Orleans, 2008 Dallas (AA) & 2008 Toronto (IA), 2009 Miami, 2010 Washington (AA) & Barcelona (IA), 2011 San Diego (AA & IA), 2012 Tampa (AA) & Unknown (IA) possibly South America, Rio, hotels are 45 minutes away from Convention Center.

investigators sponsored by the Prosthodontics Research Group of the International Association for Dental Research and honoring the memory of Arthur R. Frechette who served as Secretary-Treasurer of the IADR from 1968 until 1977. The winners were Dr. Hidemasa SHIMPO, Tsurumi University, Yokohama City, Japan for his study entitled "Retentive force of titanium clasps with different retentive arm designs" and Dr. Chun XU, Shanghai Jiao Tong University, Medical School, Affiliated 9th People's Hospital, China, for his study entitled "Static Magnetic Fields Influenced F-actin Cytoskeletons of PDL-cells" The individuals pictured are (left-to-right) Dr. J. Robert Kelly, Past-President IADR Prosthodontics Group, Dr. Stephen F. Rosenstiel, Frechette Coordinator IADR Prosthodontics Group, Dr. Hidemasa Shimpo, Frechette Award Winner, Dr. Chikahiro Ohkubo, Mentor to Dr Shimpo, Dr. Chun Xu, Frechette Award Winner and Mr. Ashley Frischkorn, Representative for Whip Mix Corporation in Australia. In addition to the plaques Drs. Shimpo and Xu each received a check for \$1000 thanks to the generous support of the Whip Mix Corporation.

**Nominations Committee Report**

*Robert Kelly*



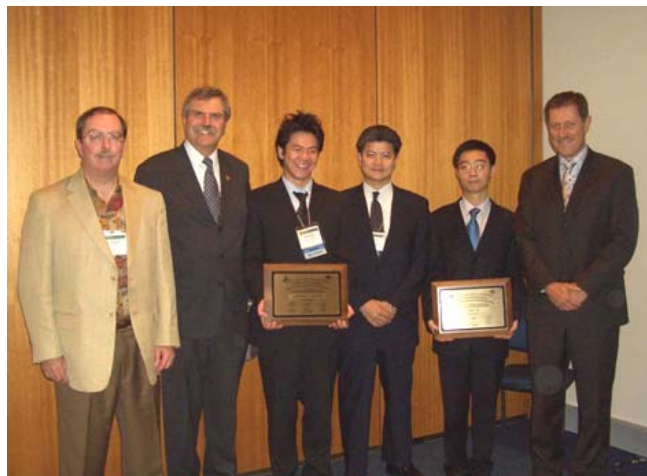
**Posted slate:**

Slate for 2006 -2007

President	Hugh Devlin
President-Elect	Mark Thomason
Sec/Treasurer	Takahiro Ogawa
Program Chair	Ben Wu
Councilor (IADR, AADR)	Neal Garrett
Directors	Keiichi Sasaki (2009) Mary Walker (2008)



Slate was accepted by unanimous vote

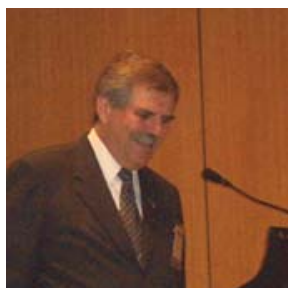


Seventeen new investigators in Prosthodontics applied for one of the two 2007 Arthur R. Frechette Research Awards in Prosthodontics. Each Award recognizes original research by new investigators and is sponsored by the Prosthodontics Group of the IADR and supported by the Whip Mix Corporation. One award is for Prosthodontic research undertaken with a Materials Science or Bioengineering oriented protocol and the other is for Prosthodontic research undertaken with a Biological Sciences and Tissue Engineering oriented protocol. Researchers carrying out original research are eligible for the Frechette Award if they have been the primary author of no more than three articles published in refereed dental journals. Each award carries a cash prize of \$1,000.

**Frechette Award Presentation**

*Stephen Rosenstiel*

The winners of the 2006 Frechette Awards were recently presented at the International Association for Dental Research annual meeting in Brisbane, Australia. The Frechette is the annual research competition for new



The abstracts were judged for (1) originality and scientific design of the investigation, (2) suitability of the methods of analysis, and (3) scientific value of the work. The six finalists, selected based on these criteria, were Dr. Hideki Aita "Accelerated osseointegration around light-induced super-amphiphilic titanium surface", Dr. Robert Berg "Laser Peening of Endosseous Implants With a Trilobe Internal Connection", Dr. Yohei Sato "Wear behavior of experimental Ti-5Al and Ti-5Al-5Cu alloys", Dr. Weng-Kong Tam "Automatic Shade Matching in Dentistry Using Digital Cameras", Dr. Masahiro Yamada "Cytotoxicity and Detoxification of Poly-methylmethacrylate Resin to Dental Pulp Cells" and Dr. Yu Zhang "Gliding Contact Fatigue Damage Maps of Veneered Zirconia Structures". You are encouraged to attend their oral presentations at the 2007 IADR meeting in New Orleans on Wednesday March 21st. The winners will be announced at the Prosthodontics Group Business Meeting on Thursday March 22nd at 5pm.

The 128/2616 compares to recent meetings as follows:

year	1993	1994	1995
	IA/AA	IA/AA	AA
Location	Chicago	Seattle	SanAntonio
Pros.	139	138	121
Total	2438	2730	1941

year	1995	1996	1997
	IA	IA/AA	IA/AA
Location	Singapore	San Francisco	Orlando
Pros.	79	233	194
Total	1487	3331	3462

year	1998	1999	2000
	IA	IA/AA	IA/AA
Location	Nice	Vancouver	DC
Prosthodontics	165	164	227
Total	3155	2554	3832

year	2001	2002	2003
	IA	IA/AA	AA
Location	Chiba	SanDiego	SanAntonio
Prosthodontics	127	231	59
Total	2102	4027	1717

year	2003	2004	2005
	IA	IA/AA	IA/AA
Location	Goteborg	Honolulu	Baltimore
Prosthodontics	163	193	183
Total	3073	3999	3772

**2005 Group Program Chair's Report**

Takahiro Ogawa on behalf of Nico Creugers



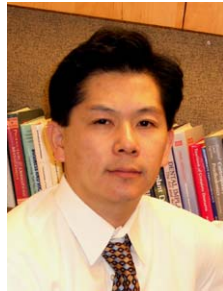
At the 2006 Brisbane meeting, 128 papers were scheduled for Prosthodontic Research out of a total of 2616 papers.

The 128 papers were scheduled for 4 oral sessions (Arthur R. Frechette Research Award Finalists, Tooth Replacement, Clinical Investigations, and Experimental Studies) and 7 poster sessions (Experimental Studies, Implants, Prosthodontic Materials I, Occlusion & Loading, Dentures, Esthetics and Tissue Function, Prosthodontic Materials II). Denture and Overdenture Research, Fixed Prosthodontic Research: Preparations and Impressions, Fixed Prosthodontic Research: Provisional and Definitive Restorations, Masticatory Performance and Oral Function, Removable Partial Denture Research, and Restoration of Endodontically Treated Teeth).

year	2006		
	IA		
Location	Brisbane		
Prosthodontics	128		
Total	2616		

**Brisbane Reception**

*Takahiro Ogawa*



The Prosthodontics and Implantology Group Reception was held on Thursday June 29 in the Brisbane Convention Centre.

Guests enjoyed a buffet and drinks at this popular opportunity to meet and socialize with others attending the Annual meeting from all over the world.

At last but not least, I would like to send many thanks to Mark for his dedication in the past three years as a Sec/Treasurer of the Group. His meticulous job and outstanding leadership should have been recognized.

Now I am looking forward to seeing you at the Reception in New Orleans this Year. It will be held on Thursday, March 22 evening 6:00 to 7:30PM, immediately after the Business Meeting. Come and Join us!!

**IADR/AADR Prosthodontics Group**

Takahiro Ogawa, DDS, PhD

Secretary/Treasurer

Weintraub Center for Reconstructive Biotechnology

UCLA School of Dentistry

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